

1. Formalities

An informality has been corrected in line 27 on page 5 of the specification. Because the change is formal in nature, it is respectfully submitted that the change does not involve new matter.

2. Rejection of Claims 1-2, 4-5, and 9 Under 35 USC §102(e) in view of U.S. Patent No. 6,407,715 (Chen) and of Claims 3, 6, and 10 Under 35 USC §103(a) in view of U.S. Patent Nos. 6,407,715 (Chen) and 5,600,337 (Cassel)

These rejections are respectfully traversed on the grounds that the Chen and Cassel patents, whether considered individually or in any reasonable combination, do not disclose or suggest a dual band antenna in which longitudinal axes of the different-length cut-outs are aligned, as is now positively recited in independent claims 1 and 9. Instead, the cut-outs of Chen are L-shaped and have parallel and perpendicular portions, but not "aligned" portions, while the cut-outs of Cassel are exclusively parallel. As a result, the antenna structures of Chen and Cassel are each more complicated than that of the claimed invention.

Because the Chen and Cassel patents do not disclose all elements recited in amended independent claims 1 and 9, withdrawal of the rejections of claims 1-6, 9, and 10 under 35 USC §102(b) is respectfully requested.

With respect to amended claim 3, which is directed to the

3. Allowable Subject Matter—New Claims 13 and 14

New claim 13 combines original claims 1 and 7, while new claim 14 combines original claims 1 and 8. Claims 1 and 8 were indicated as allowable in item 7 on page 4 of the Official Action.

In addition, it is noted that claims 11 and 12 were indicated as allowed in item 6 on page 4 of the Official Action.

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4. New Claim 15

This claim recites the feature of non-parallel slot edges illustrated in Figs. 2-5.

Even though the slots of Chen are not aligned, all edges of one of the slots of Chen are parallel to at least one edge of the other slot, and therefore claim 15 is clearly not anticipated by the Chen patent. In addition, none of the other references of record discloses a dual-slot arrangement in which the edge of one of the slots is not parallel to at least one edge of the other slot. The effect of the claimed non-parallel edge is to provide different resonance lengths so that a wider bandwidth can be obtained, as explained in lines 16-21 on page 4 of the original specification.

Because the non-parallel edge recited in new claim 15 is not disclosed or suggested by any of the references of record, new claim 15 is patentable over these references and an indication of allowability is respectfully requested.

Having thus overcome each of the rejections made in the Official Action, withdrawal of the rejections and expedited passage of the application to issue is requested.

Respectfully submitted,

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